

Applicants: Ash et al.

COMPACT NAVIGATION SYSTEM
AND METHOD

Serial No: 10/768,309
Docket No.: DR-365J
Atty: David W. Poirier Reg. No.: 43,007

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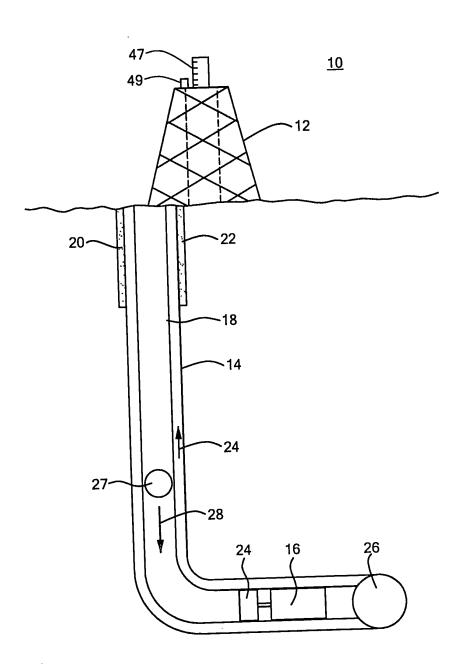


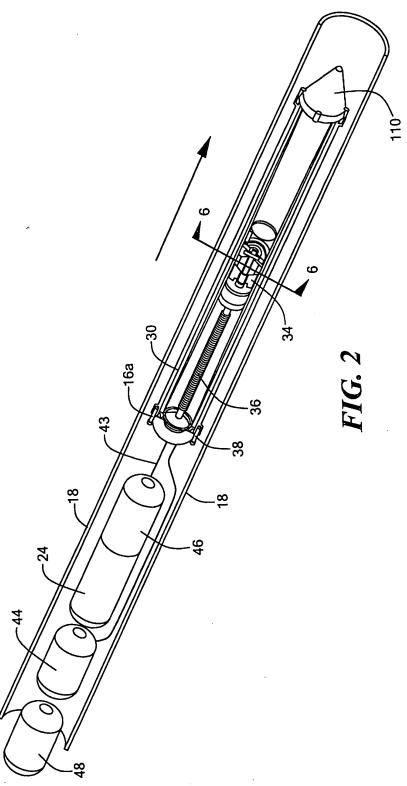
FIG. 1

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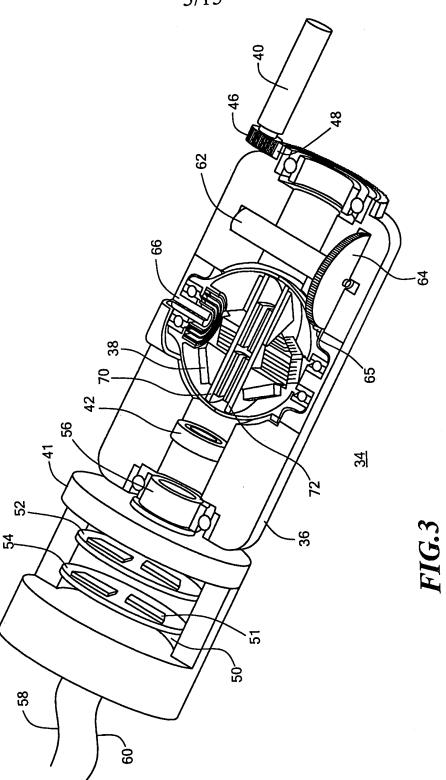
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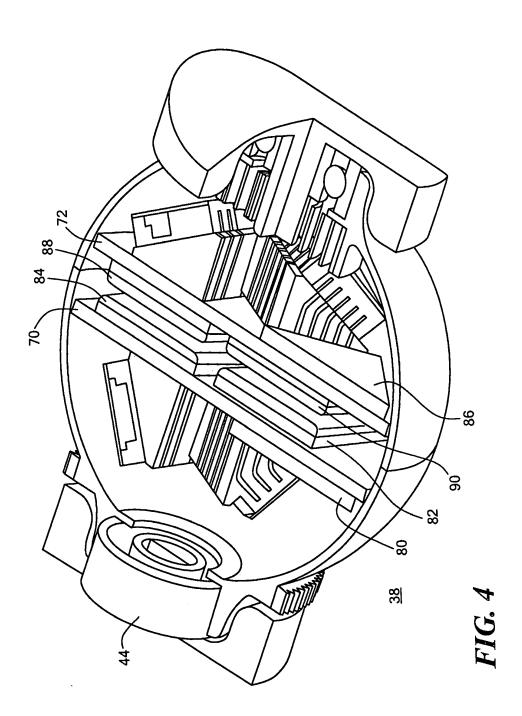




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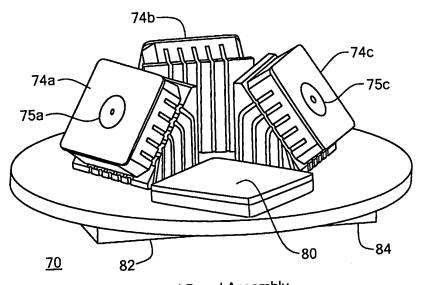
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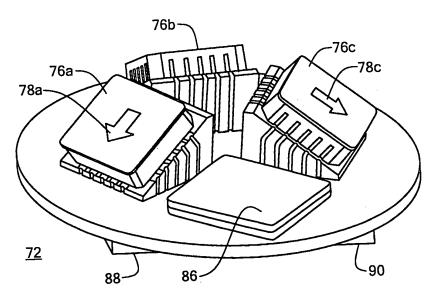
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Accel Board Assembly

FIG. 5A



Gyro Board Assembly

FIG. 5B

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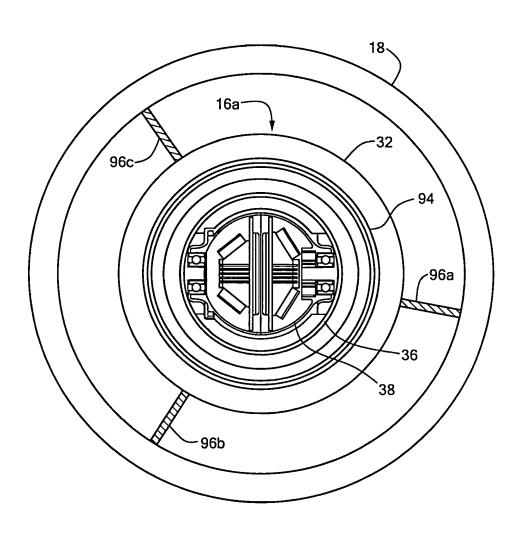


FIG. 6

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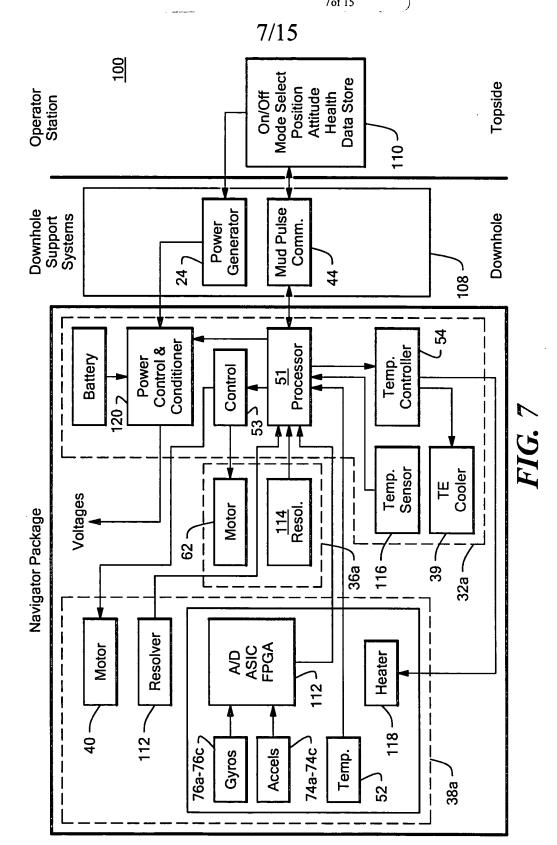
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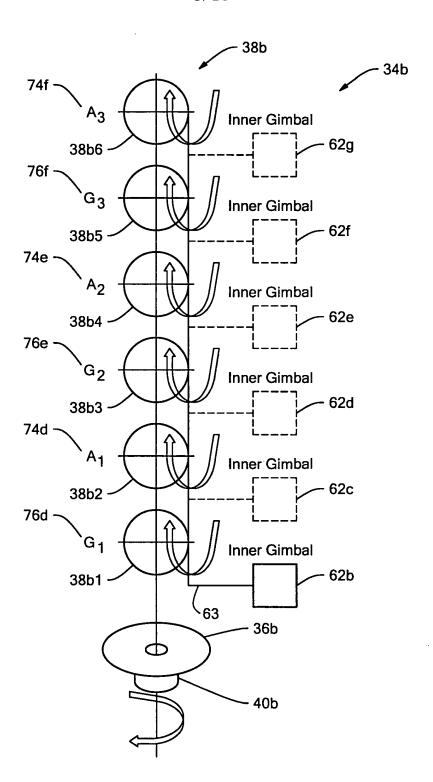
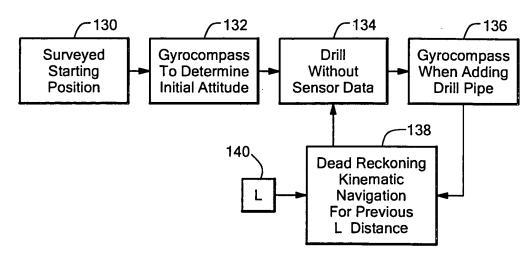


FIG. 8



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DEAD RECKONING FOR KINEMATIC NAVIGATION WHILE DRILLING BETWEEN GYROCOMPASSES

FIG. 9

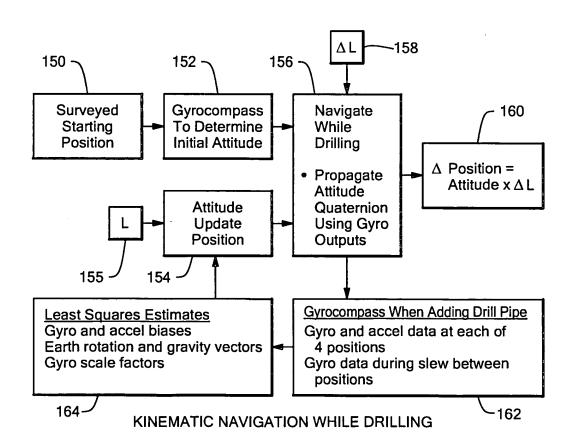
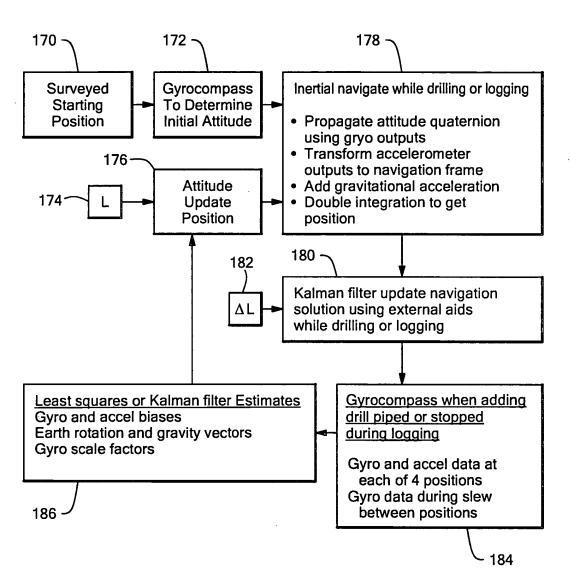


FIG. 10

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INERTIAL NAVIGATION WHILE DRILLING OR LOGGING

FIG. 11

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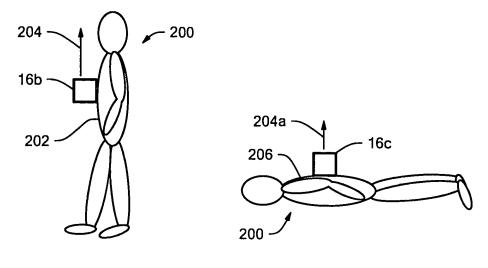
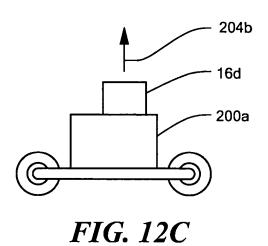


FIG. 12A

FIG. 12B



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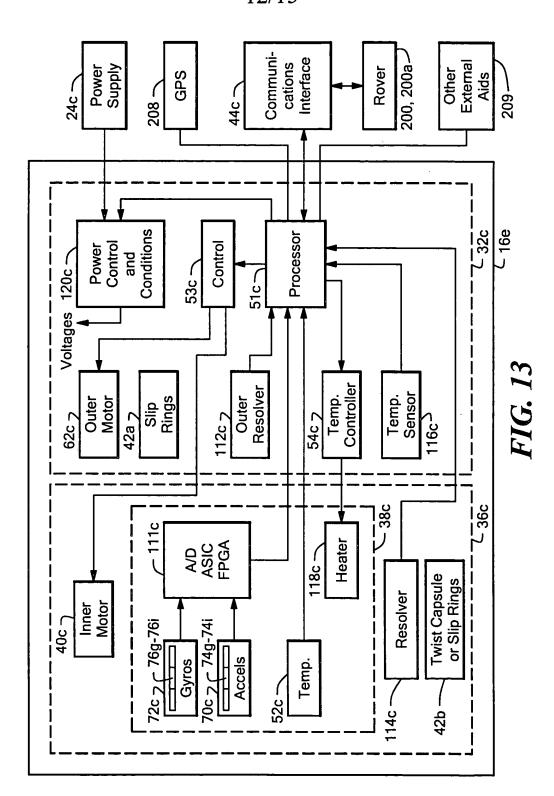
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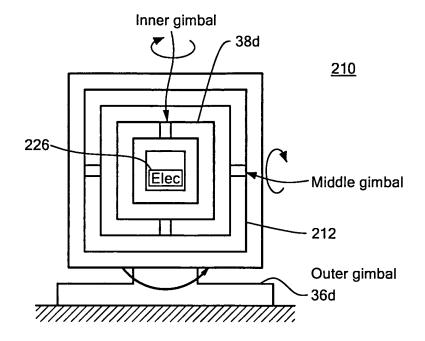
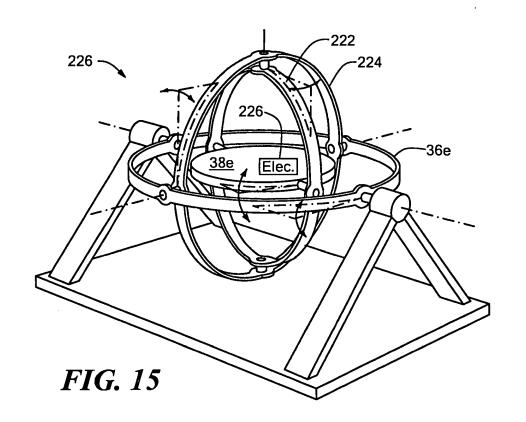


FIG. 14



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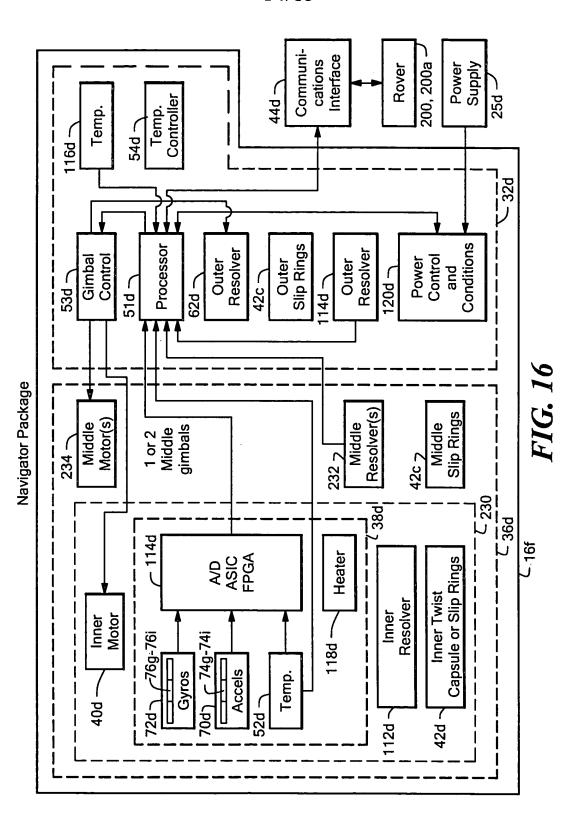
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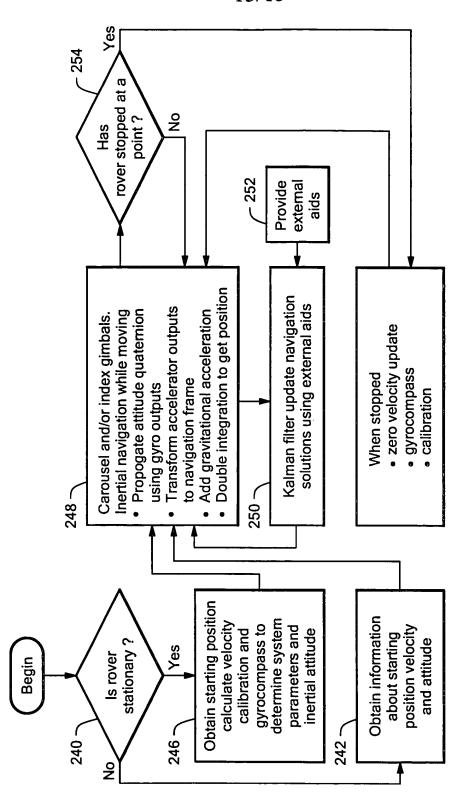


FIG. 17